

Scoring Sheet for POW 14: Eight Bags of Gold

	Max Score	Score
1. PROBLEM STATEMENT (6 pts)		
a. Restate the story of the POW in your own words	4	
b. Restate the question and the steps given to answer the question in your own words	2	
2. PROCESS (16 pts)		
a. Describe your initial ideas concerning the question and the steps given to answer the question	2	
b. Describe all the methods you tried before reaching your solution	4	
c. Describe how you tested your solution to make certain it is the best one, include all supporting data and diagrams	4	
d. Provide all diagrams and sketches that show how you kept track of the various weighings	2	
e. Describe any problems you had, and how you solved them	2	
f. Describe all assistance provided and how it helped you	2	
3. SOLUTION (10 pts)		
a. Statement the solution	2	
b. Describe the process that lead to your solution(s)	4	
c. Prove your solution is correct , include all supporting data and diagrams	4	
4. EXTENSIONS (4 pts)		
a. Create variations or extensions for the problem	4	
5. EVALUATION (6 pts)		
a. State the difficulty level of the problem (scale of 1-10), explain	2	
b. Describe your personal reaction/opinion to the problem	2	
c. Identify the best/worst parts of the problem	2	
6. SELF-ASSESSMENT (8 pts)		
a. Write a one paragraph summary of “what you learned from the problem”	4	
b. Grade and Justify your work using a self-assessment scoring rubric	4	
TOTAL SCORE	50	